1744416-7

Economy Power

TE Internal #: 1744416-7

TE Internal Description: 7 POS EP II HSG, GLOW WIRE

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch, Locking Latch**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without

Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention Type	Latch, Locking Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon

Dimensions

Connector Height	11 mm[.432 in]
Connector Length	28.28 mm[1.111 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

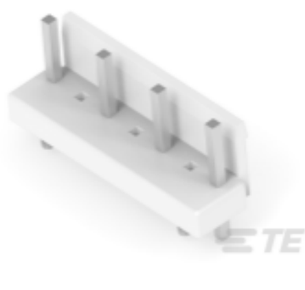
EU RoHS Directive 2011/65/EU	Compliant

EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

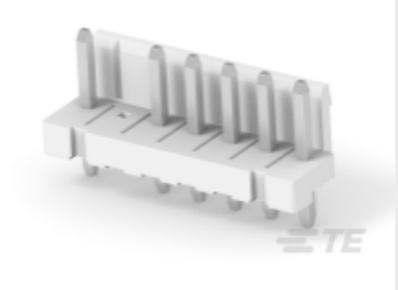
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

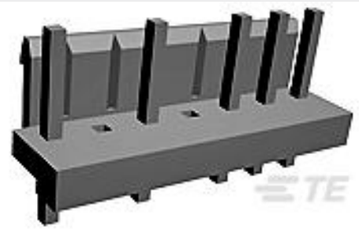
Compatible Parts



TE Part # 1-1744429-7
EP II,HDR 7P,VERT,omit 2,4,6,W/ POST, GWT



TE Part # 2-2410284-7
3.96 EP HDR ASY 07P NO PEG, GW, omit 2



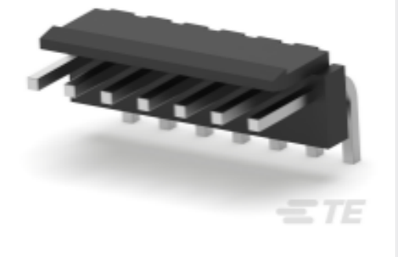
TE Part # 7-1565036-5
EP CONN HDR ASSY 3.96/7.92MM P



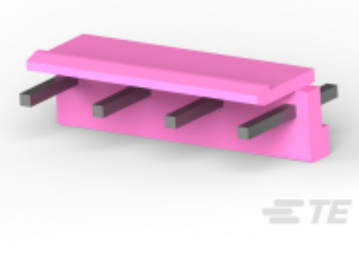
TE Part # 2-1877285-7
07P EP SHRD HDR ASMY, BLACK



TE Part # 5-1565036-6
EP CONN.HDR ASSY 6/7P BLACK W /O#2



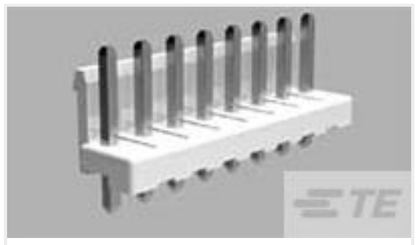
TE Part # 1744056-7
3.96 EP HDR ASSY 7P R/A HT



TE Part # 8-1123724-4
EP CONN.HDR ASSY 4/7P PINK (NO. 2,4,6 POS



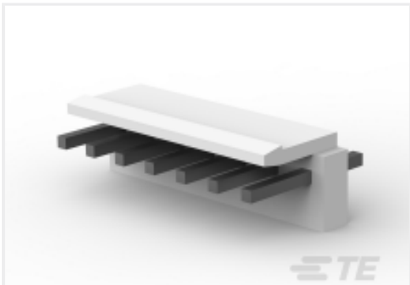
TE Part # 1744201-1
EP-II CONTACT LANCELESS, 20-16



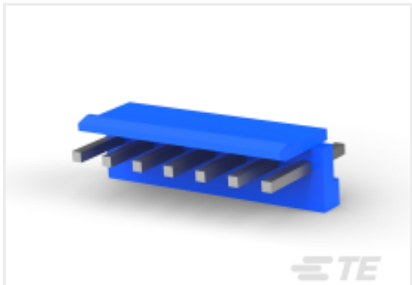
TE Part # 4-1123723-7
3.96 EP HDR ASSY 7P(RED)



TE Part # 1744429-7
3.96 EP HDR ASSY 7P W/PEGS, GW



TE Part # 1744057-7
3.96 EP HDR ASSY 7P W/PEGS



TE Part # 3-1123723-7
3.96 EP HDR ASSY 7P(BLUE)



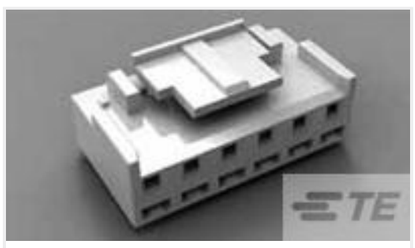
TE Part # 1-1318300-7
3.96 EP HDR ASSY 7P NAT/TUBE



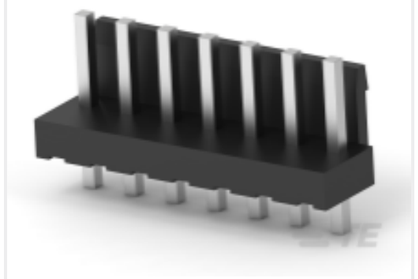
TE Part # 1-1123724-4
3.96EP HDR ASSY 4(7)P NATURAL



TE Part # 1-1318301-4
3.96EP HDR ASSY 4(7)P NAT/TUBE



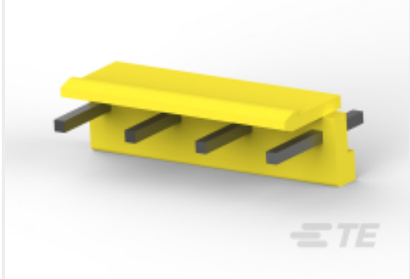
TE Part # 2-1123722-7
3.96 EP PLUG HSG 7P(YELLOW)



TE Part # 1744055-7
3.96 EP HDR ASSY 7P VERT HT



TE Part # 1744107-2
3.96 EPHDR ASSY 7P OMIT #3 PIN



TE Part # 2-1123724-4
3.96EP HDR ASSY 4(7)P YELLOW

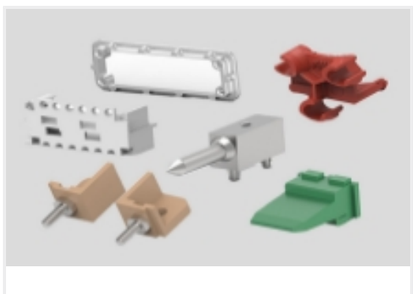


TE Part # 1-1473059-5
3.96 EP CONN. HDR ASSY 5/7P(W/O4, 6)

Also in the Series | Economy Power



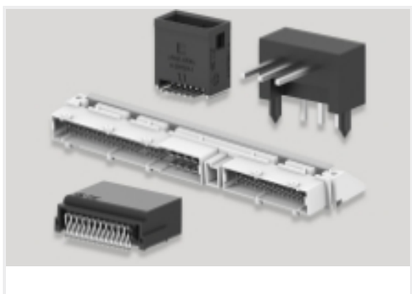
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



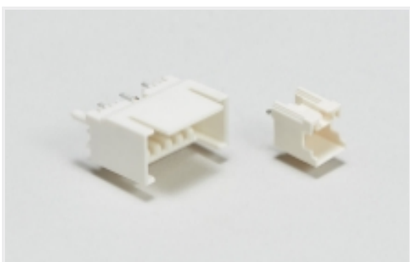
PCB Headers & Receptacles(463)



Power Contacts(7)

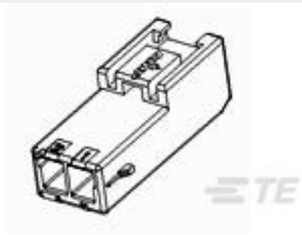


Rectangular Power Connectors(547)



Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #2005248-1
PDL 2P CAP 3.96 F/H(GWT) NAT



TE Part #2108743-1
POWER 2P DBL L/PRO NAT



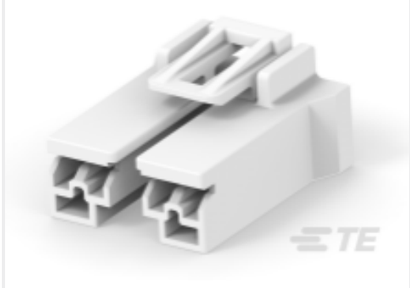
TE Part #2-2293382-5
AMP MONO-SHAPE TAB CONN 5P. GW-V0



TE Part #2296205-2
2P RCPT VAL-U-LOK GWT/V0



TE Part #2429931-2
RING,M4, DIA 4.3,14-18 AWG,TPBR



TE Part #2468539-1
110 PL EX HSG.,REC.,8MM,2P, NATURAL



TE Part #1744416-9
9 POS EP II HSG, GLOW WIRE



TE Part #1-1744416-1
11 POS EP II HSG, GLOW WIRE



TE Part #63606-4
187 FASTON REC 18-14 AWG TPBR

Documents

Product Drawings

7 POS EP II HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744416-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744416-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744416-7_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Economy Power II (EP II) Glow Wire test compliant connectors

English

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English